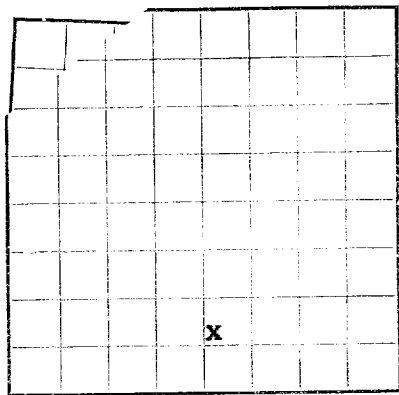




U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080375
LEASE OR PERMIT TO PROSPECT Sheets

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUL 8 1954
U. S. GEOLOGICAL SURVEY
SANTA FE, N. M.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company BOLACK OIL & GAS COMPANY
and BENSON-MONTIN Address Farmington, New Mexico
Lessor or Tract SHEETS Field WILDCAT State NEW MEXICO
Well No. 1 Sec. 12 T. 25N R. 8W Meridian N.M.P.M. County SAN JUAN
Location 790 ft. N of S Line and 2487 ft. E of E Line of SECTION 12 Elevation 6642
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date July 1, 1954 Title Field Superintendent
Benson-Montin

The summary on this page is for the condition of the well at above date.

Commenced drilling May 24, 1954 Finished drilling June 6, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2305 to 2400 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>3-5/8"</u>	<u>24</u>	<u>6</u>	<u>J-55</u>	<u>86</u>	<u>Texas Pattern</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>17</u>	<u>6</u>	<u>J-55</u>	<u>2307</u>	<u>Texas Pattern</u>				<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8"</u>	<u>95</u>	<u>70</u>	<u>n</u>	<u>Pump & Plug</u>	
<u>5-1/2"</u>	<u>2315</u>	<u>100</u>	<u>Pump & Plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4"</u>	<u>Tin</u>	<u>SNG</u>	<u>170 qts.</u>	<u>6-6-54</u>	<u>2331-99</u>	<u>2399</u>

TOOLS USED

Rotary tools were used from Surface feet to 2395 feet, and from _____ feet to _____ feet
Cable tools were used from 2395 feet to 2400 feet, and from _____ feet to _____ feet

Ran Tubing

DATES

Potential Test

June 13, 1954

Put to producing June 30, 1954

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 1,455,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 646

EMPLOYEES

Greer-Smith Drilling Corpn., Driller (Rotary) _____, Driller

Benson-Montin, Driller (Cable Tools) _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>Surface</u>	<u>2259</u>	<u>2259</u>	<u>Surface sand and shale, Ojo Alamo, Kirtland and Fruitland formations</u>
<u>2259</u>	<u>2270</u>	<u>11</u>	<u>Coal</u>
<u>2270</u>	<u>2395</u>	<u>25</u>	<u>Shale</u>
<u>2395</u>	<u>2300</u>	<u>5</u>	<u>Coal</u>
<u>2300</u>	<u>2305</u>	<u>5</u>	<u>Shale</u>
<u>2305</u>	<u>2400</u>	<u>95</u>	<u>n Pictured Cliffs Sand</u>

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

16-45094-2 U. S. GOVERNMENT PRINTING OFFICE

5-24-54 "Notice of Intention to Drill" approved by USGS. Unorthodox location approved by NMCC. Moved in rotary tools. Set 8-5/8" casing.
5-25-54 Tested 8-5/8" casing.
5-29-54 TD 2395'. Set 5-1/2" casing.
6-4-54 Moved in cable tools. Tested 5-1/2" casing.
6-6-54 TD 2400'. Shot from 2381' to 2399' with 170 quarts SNG tamped with gravel and calseal.
6-10-54 Cleaned out to 2399'. Ran III joints 1" tubing to 2300'.
6-26-54 State Potential Test.